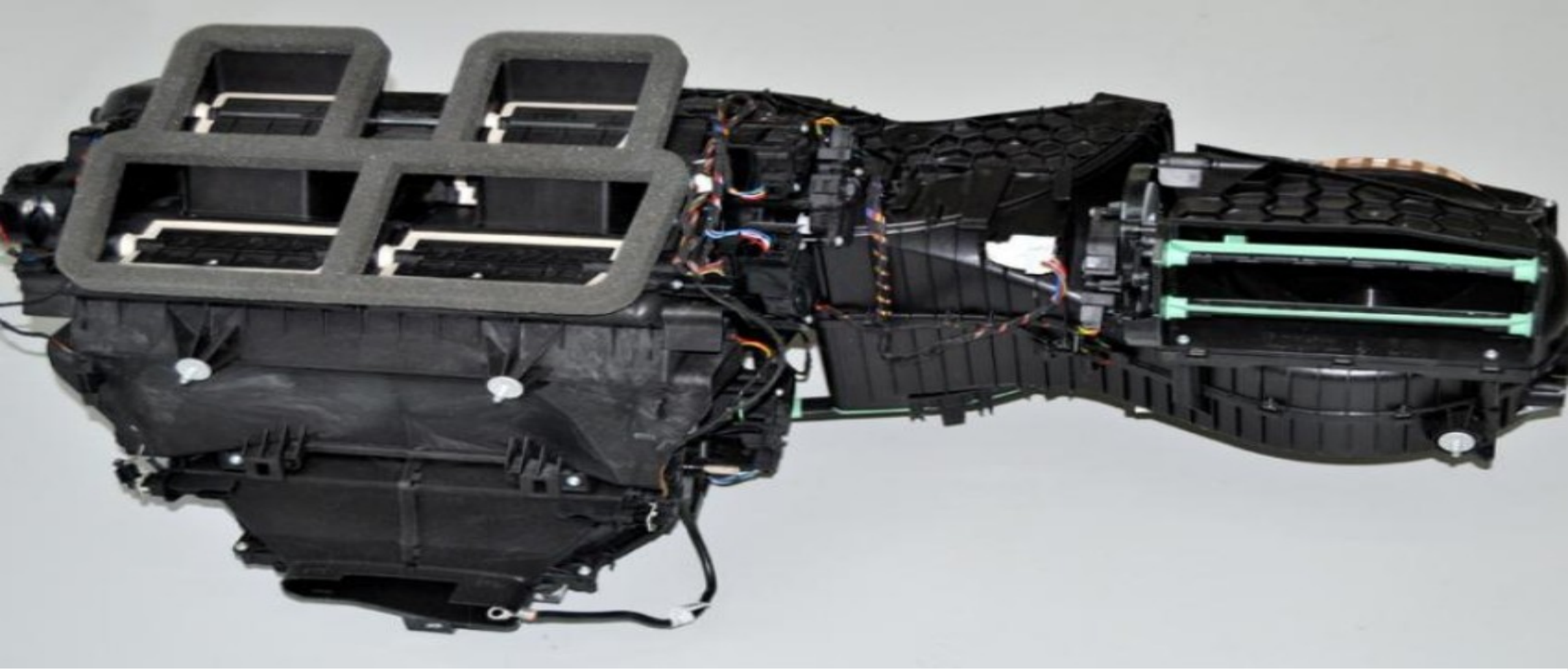


India Automotive HVAC Market Analysis, Growth & Industry Trends Report - Forecast Trends (2025-2034)

About Claight

Claight Corporation is the literal incorporation of clarity and insights. We have one principal objective for our clients- Growth! With our robust plan of action, a team of seasoned insight analysts, and experienced consultants, we deliver Success!

Dedicated Team: 400+
Our team, with its diverse backgrounds and expertise, is dedicated to providing clients with high-quality, actionable insights.

Competent Experts: 3000+
Our panel of consultants know where you are exactly stuck and what should be the right strategy for you to get that pull-back off your back!

Industry Reports: 10000+
Our reports are fueled by vast databases covering an array of industries. We provide insights backed by the latest, most relevant data.

Industry Domains: 15+
With our deep-rooted expertise and extensive experience, we craft market research solutions specifically designed for your industry's needs.

India Automotive HVAC Market Outlook 2025-2034

The India automotive HVAC market is expected to expand at a compound annual growth rate (CAGR) of 10.30% from 2025 to 2034.

India Automotive HVAC Market Growth

The **Automotive HVAC Market In India** is experiencing robust growth driven by increasing vehicle production and heightened consumer demand for enhanced comfort features. Rising sales of passenger cars, commercial vehicles, and two-wheelers equipped with advanced air conditioning systems are significantly contributing to this expansion. Rapid urbanization, growing disposable incomes, and changing consumer preferences toward premium vehicle features are encouraging manufacturers to integrate sophisticated HVAC technologies. This shift is particularly evident in metro cities where climate control is seen as a standard necessity, fueling broader adoption of automotive HVAC systems across various vehicle segments.

Technological advancements are playing a crucial role in accelerating market growth, particularly innovations focused on energy efficiency and environmental sustainability. Automakers are adopting eco-friendly refrigerants like R-1234yf and developing HVAC components designed to reduce fuel consumption and lower greenhouse gas emissions. Additionally, there is an increased emphasis on smart climate control systems that optimize cabin temperature while conserving energy. Compliance with stringent environmental regulations is prompting manufacturers to invest heavily in next-generation HVAC technologies, supporting the overall expansion of the automotive HVAC market in India.

Government policies promoting electric vehicles (EVs) and the rising adoption of EVs across India are further boosting the automotive HVAC market. HVAC systems in EVs differ from traditional vehicles as they need to efficiently manage battery thermal regulation and maintain passenger comfort without compromising energy efficiency. As electric mobility gains traction due to incentives and growing environmental awareness, demand for specialized HVAC solutions tailored to EV requirements is expected to grow significantly. This trend is opening new opportunities for HVAC manufacturers to innovate and capture a share of the evolving automotive market.

India Automotive HVAC Market Trends

The India automotive HVAC market is increasingly embracing eco-friendly refrigerants such as R-1234yf and natural refrigerants due to their significantly lower global warming potential compared to traditional options like R-134a. This shift is driven by stricter environmental regulations and growing awareness of climate change impacts. Manufacturers are investing in research to develop HVAC systems that not only comply with these regulations but also deliver efficient cooling performance. This trend reflects the industry’s commitment to sustainability and aligns with global efforts to reduce automotive emissions and environmental footprints.

Smart climate control technologies are gaining prominence in India’s automotive HVAC market as consumers demand more personalized and comfortable in-car environments. Advanced features like automatic temperature regulation, humidity control, air quality monitoring, and multi-zone cooling are becoming standard in higher-end vehicles and are gradually trickling down to mid-segment models. Automakers are focusing on integrating these intelligent HVAC systems to enhance passenger comfort, improve energy efficiency, and offer seamless user experience. This trend is driving innovation and differentiation in vehicle interiors across the country.

The rising adoption of electric vehicles (EVs) is reshaping the automotive HVAC market in India, creating new opportunities and challenges for manufacturers. Unlike traditional vehicles, EV HVAC systems must optimize energy consumption to preserve battery life while maintaining passenger comfort. This has led to the development of specialized HVAC solutions such as heat pumps and thermal management systems tailored to electric mobility. Government incentives, increasing charging infrastructure, and growing consumer interest in sustainable transport are accelerating EV sales, which in turn is driving demand for innovative, energy-efficient HVAC technologies in the automotive sector.

India Automotive HVAC Market Segmentation

Market Breakup by Technology

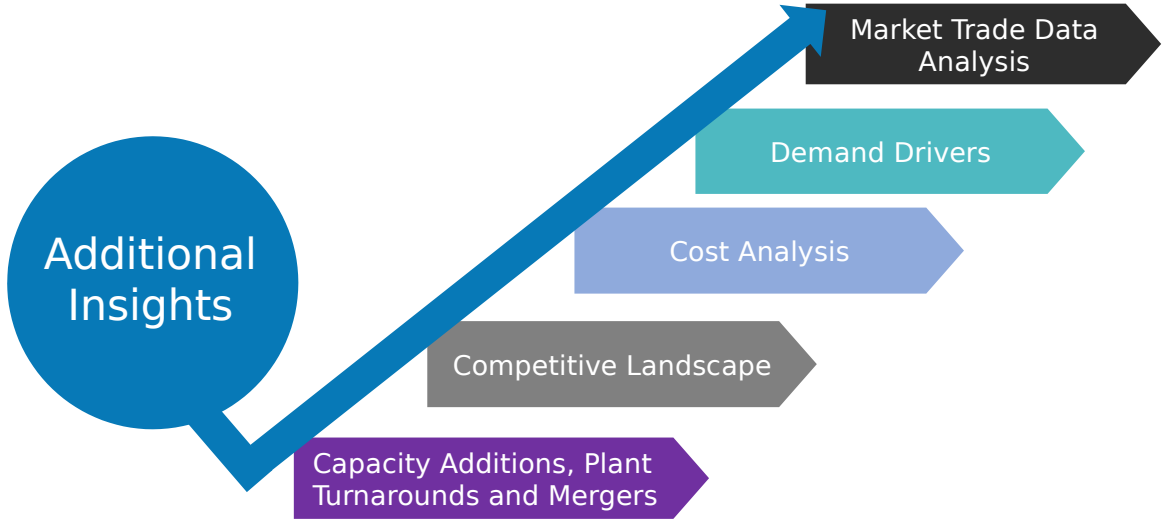
- Manual
- Automatic

Market Breakup by Component

- Evaporator
- Compressor
- Condenser
- Expansion Valve
- Receiver-drier
- Others

Market Breakup by Propulsion Type

- IC Engine
- Electric Powered



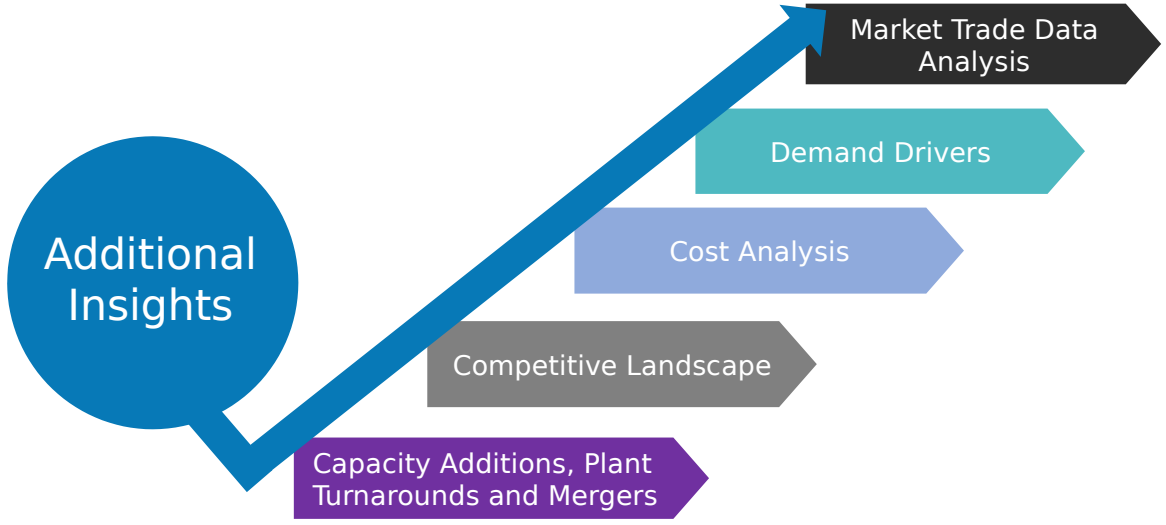
India Automotive HVAC Market Segmentation

Market Breakup by Vehicle Type

- Passenger Cars
- Light Commercial Vehicle
- Heavy Commercial Vehicle

Market Breakup by Region

- North India
- East and Central India
- West India
- South India



Leading Companies in the India Automotive HVAC Market

The companies are a producer of thermal goods for automotive applications compressors, condensers, automotive suppliers and influencers, delivering thermal, powertrain, mobility, and electrification, specialising in components and systems for combustion engines and their peripherals, providing a diverse array of products to automakers and the aftermarket.

Subros Limited

Subros Limited is India’s leading manufacturer of automotive air conditioning systems. The company supplies HVAC solutions to major vehicle manufacturers across passenger cars, commercial vehicles, and tractors, focusing on innovation, energy efficiency, and reducing environmental impact through advanced cooling technologies.

Denso Corporation

Denso Corporation is a global automotive components supplier headquartered in Japan. It offers a wide range of HVAC systems known for their reliability and efficiency. In India, Denso provides cutting-edge air conditioning solutions to OEMs, emphasizing eco-friendly refrigerants and smart climate control technologies.

Sanden Vikas (India) Ltd.

Sanden Vikas is a joint venture between Sanden Corporation (Japan) and Vikas Group (India), specializing in automotive HVAC compressors and systems. The company serves leading Indian and international automakers, focusing on quality manufacturing and innovations that enhance fuel efficiency and

Leading Companies in the India Automotive HVAC Market

MAHLE GmbH

MAHLE GmbH is a German automotive supplier offering a comprehensive portfolio of HVAC components, including compressors, condensers, and thermal management systems. In India, MAHLE supports OEMs with advanced technologies aimed at improving vehicle climate control and reducing emissions.

Valeo

Valeo is a global automotive supplier known for its HVAC systems and thermal management solutions. Operating in India, Valeo focuses on developing compact, energy-efficient air conditioning units and integrating smart control systems to meet the evolving needs of the automotive industry and enhance passenger comfort.

Others

Other India automotive HVAC market key players are Hanon Systems, Delphi Technologies, Samvardhana Motherson Group, and Air International Thermal Systems, among others.

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